

PTO-1390 (Rev. 07-2005) Approved for use through 03/31/2007. OMB 0651-0021 U. S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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ATTORNEY'S DOCKET NUMBER TRANSMITTAL LETTER TO THE UNITED STATES 59441(11259) **DESIGNATED/ELECTED OFFICE (DO/EO/US)** U.S. APPLICATION NO (if known see 37 GFR 1.5) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371 INTERNATIONAL APPLICATION NO. INTERNATIONAL FILING DATE PRIORITY DATE CLAIMED PCT/US2004/021637 6 July 2004 6 July 2003 TITLE OF INVENTION METHODS OF PRODUCING DIFFERENTIATED HEMATOPOIETIC CELLS FOR TREATMENT OF CYTOPENIA APPLICANT(S) FOR DO/EO/US Peter J. Quesenberry Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: This is a FIRST submission of items concerning a submission under 35 U.S.C. 371. This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371. This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. The US has been elected (Article 31). A copy of the International Application as filed (35 U.S.C. 371 (c)(2)) is attached hereto (required only if not communicated by the International Bureau). х has been communicated by the International Bureau. is not required, as the application was filed in the United States Receiving Office (RO/US). An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). is attached hereto. a. b. has been previously submitted under 35 U.S.C. 154(d)(4). Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) are attached hereto (required only if not communicated by the International Bureau). have been communicated by the International Bureau. b. have not been made; however, the time limit for making such amendments has NOT expired. C. d. have not been made and will not be made. An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). х 10. An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). Items 11 to 20 below concern document(s) or information included: An Information Disclosure Statement under 37 CFR 1.97 and 1.98. An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. A preliminary amendment (10 pages) 13. х An Application Data Sheet under 37 CFR 1.76. 15. A substitute specification. 16. A power of attorney and/or change of address letter. 17. A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 – 1.825. 18. A second copy of the published International Application under 35 U.S.C. 154(d)(4). 19. A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).

IAP20 Rec'd PCT/PTO 23 DEC 2005

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20. X Other	items or inform	INTERNATIONAL APPLICATION NO. PCT/US2004/021637			ATTORNEY'S DOCKET NUMBER 59441(11259)			
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The foll-	owing fees hav	ve been submitt	ted		CALCUL	ATION	S PTC	USEONLY
21. x Basic national fee (37 CFR 1.492(a))					150.0			
If the written opin	nion prepared by I PEA/US indicates	all claims satisfy p	national preliminary exam provisions of PCT Article 3	33(1)-(4)\$0	\$	200.0	0	
If the written opin IPEA/US i Search fee (37 C Internation International Sea previously	indicates all claim CFR 1.445(a)(2)) hall Searching Aut arch Report prepa communicated to	or the internations is satisfy provisions as been paid on the horityred by an ISA other the US by the IB.	al preliminary examination s of PCT Article 33(1)-(4) ne international application r than the US and provide	\$0 n to the USPTO as an \$100 ed to the Office or \$400	\$	100.0	0	
	TOTAL OF 21, 2				\$	450.0	0 .	
Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.								
Total Sheets	Extra Sheets		h additional 50 or fraction I up to a whole number)	RATE				
22 - 100 =	/50 =			x \$250.00 \$				
Surcharge of \$130 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).					\$			
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Independent of	claims	2 - 3 =		x		0.0		
MULTIPLE DEP	ENDENT CLAIM(S) (if applicable)		+ 360.00		360.0	0	
TOTAL OF ABOVE CALCULATIONS					\$ 1,	010.0	0	
Applicant	t claims small enti	ty status. See 37	CFR 1.27. Fees above a	re reduced by 1/2.				
SUBTOTAL				\$ 1,	010.0	0		
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).					\$			
TOTAL NATIONAL FEE =					\$		1,010	.00
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +				\$				
TOTAL FEES ENCLOSED =			\$ 1,010.00		.00			
				Amount to be refunded:				
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NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been milled an granted to restore the International Application to pending status.	et, a petition to revive (37 CFR 1.137(a) or (b)) must be				
December 23, 2005	9/++ 0000.00				
SEND ALL CORRESPONDENCE TO:	SIGNATURE ()				
David G. Conlin EDWARDS ANGELL PALMER & DODGE LLP P.O. Box 55874	Kathryn A. Piffat, Ph.D.				
Boston, Massachusetts 02205 (617) 439-4444	NAME				
CUSTOMER NUMBER: 21874	34.901				
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	•				
-					

Application No. (if known): Not Yet Assigned

Attorney Docket No.: 59441(11259)

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R	Registration Number, if applicable					Telephone	Number	

submitted paper.

Note:

Fee Transmittal (1 page); Transmittal Letter to the United States Designated-Elected Office (3 pages);

Specification including claims & abstract (18 pages); Figures 1-6 (4 sheets);

Copy of of Published PCT Application No. WO 2005/003321 A2;

Copies of PCT/RO/101 & Fee sheet, Form PCT/RO/102, Form PCT/RO/105, Form PCT/ISA/202,

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Copy of Transmittal of Recordation Form and Assigment (6 pages);

Declaration and Power of Attorney (4 pages);

Preliminary Amendment (10pages); and

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PTO/SB/17 (12-04v2)

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,			Application Number		\$\$\#\$\#\$\\$\62086		
TRANSMITTAL FORM (to be used for all correspondence after initial filing)			Filing Date		July 6, 2004		
			First Named Inventor		Peter J. Quesenberry		
			Art Unit		N/A		
		•	Examiner Name		Not Yet Assigned		
Total Number of Pages in This Submission			Attorney Docket Numb	er	59441WO(11259)		
	El	CLOSURES	Check all that app	oly)			
Fee Trans	smittal Form	Drawing(s)			After Allowance Communication to TC		
Fee	Fee Attached Licensing-rela				Appeal Communication to Board of Appeals and Interferences		
Amendme	nt/Reply	Petition	ion		Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)		
Afte	After Final		Petition to Convert to a Provisional Application		Proprietary Information		
Affidavits/declaration(s)			ower of Attorney, Revocation hange of Correspondence Address		Status Letter		
Extension of Time Request		Terminal Disclaimer		x	Other Enclosure(s) (please Identify below):		
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	y to Missing Parts under FR 1.52 or 1.53	·	, .				
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	SIGNATU	JRE OF APPLICA	NT, ATTORNEY, OR	AGE	ENT		
irm Name	EDWARDS ANGELL	. PALMER & DO	DGE LLP				
Signature	Lettryn	a Flood	PLQ				
Printed name	Kathryn A. Piffat, Ph	.D. W	/ 				
November 4, 2005			Reg. No.	34	,901 [^]		

		
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November 4, 2005

PTO IDENTIFIER:

Application Number US04/21637

Patent Number

inventor:

Peter J. Quesenberry

MESSAGE TO:

US Patent and Trademark Office

FAX NUMBER:

(571) 273-8300

FROM:

EDWARDS ANGELL PALMER & DODGE LLP

David G. Conlin

PHONE:

(617) 439-4444

Attorney Dkt. #:

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PTO IDENTIFIER: Application Number US04/21637 Patent Number

Inventor: Peter J. Quesenberry

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PTO IDENTIFIER: **Application Number** US04/21637

Patent Number

Inventor: Peter J. Quesenberry

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Kathryn A. Piffat, Ph.D.

PHONE: (617) 439-4444

Attorney Dkt. #: 59441WO(11259)

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